CLAIMS

What is claimed is:

1. A location-relevant service system, comprising:

5   a location-relevant service server accessible over a data network;

a first mobile unit coupled to said data network over a first wireless link and providing a position of said first mobile unit over said

10   wireless link to said location-relevant service server; and

a second mobile unit coupled to said data network, said second mobile unit receiving from said location-relevant service server location-

15   relevant service based on said position of said first mobile unit.

2. A location-relevant service system as in Claim 1, wherein said second mobile unit couples to

20   said data network over a second wireless link independent of said first wireless link.

3. A location-relevant service system as in Claim 1, wherein said second mobile unit couples to

25   said data network over said first wireless link.

4. A location-relevant service system as in Claim 1, wherein said first wireless link is provided by said second mobile unit.

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5. A location-relevant service system as in Claim 1, wherein said first mobile unit and said second mobile unit communicate with each other over a second wireless link.

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6.   A location-relevant service system as in Claim 1, wherein said first mobile unit and said mobile unit communicate with each other over a wired link.

5   7.   A location-relevant service system as in Claim 6, wherein said wired link is provided by a docking station.

8.   A location-relevant service system as in
10   Claim 6, wherein said wired link is provided by a standard interface for hand-held devices.

9.   A location-relevant service system as in Claim 1, wherein said location relevant service is
15   provided to said second mobile unit in response to a query by said second mobile unit.

10.   A location-relevant service system as in Claim 1, wherein said location-relevant service is
20   pushed to said second mobile unit.

11.   A location-relevant service system as in Claim 1, wherein said location-relevant service is pushed to said second mobile unit upon satisfaction of
25   a condition specified to said location-relevant service server.

12.   A location-relevant service system as in Claim 1, wherein said data network comprises the
30   Internet.

13.   A location-relevant service system as in Claim 1, wherein said location-relevant service server is accessible by a non-mobile computer coupled to said
35   data network.

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14.   A location-relevant service system as in
Claim 13, wherein said non-mobile computer request said
location-relevant service to be provided to said second
mobile unit.

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15.   A location-relevant service system as in
Claim 14, wherein said location-relevant service
relates to an operating condition of a vehicle in which
said first mobile unit is located.

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16.   A location-relevant service as in Claim 14,
wherein said location-relevant service is to be
provided to said mobile unit within a specified time
period.

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17.   A location-relevant service system as in
Claim 1, wherein said second mobile unit comprises a
cellular telephone.

20   18.   A location-relevant service system as in
Claim 1, wherein said second mobile unit comprises a
portable computer.

19.   A location-relevant service system as in
25 Claim 1, wherein said second mobile unit comprises a
personal digital assistant.

20.   A location-relevant service system as in
Claim 1, wherein said location-relevant service relates
30 to traffic condition.

21.   A location-relevant service system as in
Claim 1, wherein said location-relevant service relates
to entertainment.

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22.   A location-relevant service system as in Claim 1, wherein said location-relevant service relates to travel-related information.

5   23.   A location-relevant service system as in Claim 1, wherein said location-relevant service relates to driving directions.

24.   A location-relevant service system as in
10   Claim 1, wherein said location-relevant service relates to a real estate transaction.

25.   A location-relevant service system as in Claim 1, wherein said position of said first mobile
15   unit is being provided by a GPS receiver in said first mobile unit.

26.   A location-relevant service system as in Claim 1, wherein said position of said first mobile
20   unit is provided by a location sensor based on terrestrial triangulation.

27.   A location-relevant service system as in Claim 1, wherein a business transaction is carried out
25   by a user using said second mobile unit over said first wireless link.

28.   A location-relevant service system as in Claim 27, wherein said business transaction includes an
30   authentication step using said position of said first mobile unit to authenticate identity of said user.

29.   A location-relevant service system as in Claim 28, wherein said business transaction includes an
35   authentication step of said user at said second mobile unit.

30.   A location-relevant service system as in
Claim 1, wherein said second mobile unit obtains said
position of said first mobile unit via said location-
5   relevant service server.

31.   A location-relevant service system as in
Claim 1, wherein said second mobile unit obtains said
position of said first mobile unit directly from said
10   first mobile unit.

32.   A location-relevant service system as in
Claim 9, wherein said location-relevant service server
requests an updated position of said first mobile unit
15   according to a schedule specified in said query.

33.   A location-relevant service system as in
Claim 1, wherein said first mobile unit includes a
display panel for displaying said position of said
20   first mobile unit.

34.   A location-relevant service system as Claim
33, wherein said display panel displays an elapsed time
relative to the time said position of said first mobile
25   unit is obtained.

35.   A location-relevant service system as in
Claim 1, wherein said first mobile unit provides said
location-relevant service server also a direction of
30   travel of said first mobile unit.

36.   A location-relevant service system as in
Claim 1, wherein said location-relevant service server
incorporates said direction of travel in providing a
35   driving direction service.

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